L Number		Search Text	DB	Time stamp
-	309	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 14:36
		reciruculation or EGR) and valv\$2 near2	US-PGPUB; EPO; JPO;	
		Closed	DERWENT;	
			IBM TDB	
-	17	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 14:43
ļ		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
İ		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all)	DERWENT;	
_	17	internal near2 (exhaust near2 gas near2	IBM_TDB USPAT;	2004/05/02 14:43
	17	reciruculation or EGR) and valv\$2 near2	US-PGPUB;	2004/03/02 11:13
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) and (fresh or air)	DERWENT;	
	_		IBM_TDB	0001/05/00 11 55
-	5	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 14:55
		reciruculation or EGR) and valv\$2 near2 closed near3 (simultaneous\$3 or both or	US-PGPUB; EPO; JPO;	
		all) and (fresh)	DERWENT;	
1		all, and (licon)	IBM TDB	
-	3	internal near2 (exhaust near2 gas near2	USPĀT;	2004/05/02 18:06
		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (intake or TDC) and (fresh)	DERWENT; IBM TDB	
_	9	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:04
	,	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2001/03/02 13:01
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (intake or TDC) not (internal	DERWENT;	
		near2 (exhaust near2 gas near2	IBM_TDB	
		reciruculation or EGR) and valv\$2 near2 closed near3 (simultaneous\$3 or both or		
		all) near5 (intake or TDC) and (fresh))		
_	72	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:12
		reciruculation or EGR) and (chamber or	US-PGPUB;	
		piston) near5 vacuum	EPO; JPO;	
			DERWENT;	
	0	internal near2 (exhaust near2 gas near2	IBM_TDB USPAT;	2004/05/02 15:05
_	U	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2004/03/02 13:03
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 vacuum not (internal near2	DERWENT;	
		(exhaust near2 gas near2 reciruculation or	IBM_TDB	
		EGR) and valv\$2 near2 closed near3		
		(simultaneous\$3 or both or all) near5 (intake or TDC) and (fresh))		
_	0	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:06
	· ·	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2001,00,00
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (low\$3 near2 pressur\$8) not	DERWENT;	
		(internal near2 (exhaust near2 gas near2	IBM_TDB	
		reciruculation or EGR) and valv\$2 near2 closed near3 (simultaneous\$3 or both or		
		all) near5 (intake or TDC) and (fresh))		
_	0	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:07
		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (intake near2 stroke) not	DERWENT;	
		(internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2	IBM_TDB	
		closed near3 (simultaneous\$3 or both or		
		all) near5 (intake or TDC) and (fresh))		
_	0	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:07
		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
		(closed or shut) near3 (simultaneous\$3 or	EPO; JPO;	
		both or all) near5 (intake near2 stroke) not (internal near2 (exhaust near2 gas	DERWENT;	
		near2 recirculation or EGR) and valv\$2	IBM_TDB	
		near2 closed near3 (simultaneous\$3 or both		
		or all) near5 (intake or TDC) and (fresh))		

-	14	internal near2 (exhaust near2 gas near2 reciruculation or EGR) and (piston) near5 vacuum	USPAT; US-PGPUB; EPO; JPO;	2004/05/02 15:13
			DERWENT; IBM TDB	
-	0	<pre>internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2 (shut or seated) near3 (simultaneous\$3 or</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/05/02 15:18
		both or all) near5 (intake or TDC) and	DERWENT;	
_	1	<pre>(fresh) internal near2 (exhaust near2 gas near2</pre>	IBM_TDB USPAT;	2004/05/02 15:19
	_	reciruculation or EGR) and valv\$2 near2 (shut or seated) near3 (simultaneous\$3 or both or all)	US-PGPUB; EPO; JPO; DERWENT;	
_	1	internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near5 (shut or seated) near3 (simultaneous\$3 or	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/05/02 15:21
		both or all) not (internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2 (shut or seated) near3	DERWENT; IBM_TDB	
	1579	(simultaneous\$3 or both or all) ) negative near2 pressure same combustion	USPAT;	2004/05/02 15:21
	10/5	near2 chamber	US-PGPUB; EPO; JPO; DERWENT;	
			IBM_TDB	
_	345	negative near2 pressure near3 combustion near2 chamber	USPAT; US-PGPUB; EPO; JPO;	2004/05/02 15:28
			DERWENT;	
_	121	negative near2 pressure near3 combustion	IBM_TDB USPAT;	2004/05/02 15:38
		near2 chamber and (seated or closed or shut or sealed) near3 valv\$2	US-PGPUB; EPO; JPO; DERWENT;	
			IBM_TDB	
_	19	negative near2 pressure near3 combustion near2 chamber and (seated or closed or shut or sealed) near3 valv\$2 near2	USPAT; US-PGPUB; EPO; JPO;	2004/05/02 16:00
		((intake or inlet) and (exhaust or outlet))	DERWENT; IBM TDB	
_	741	123/90.11.ccls.	USPAT; US-PGPUB;	2004/05/02 16:04
3			EPO; JPO; DERWENT; IBM TDB	
_	575	123/90.12.ccls. not 123/90.11.ccls.	USPĀT; US-PGPUB;	2004/05/02 16:05
			EPO; JPO; DERWENT;	
	2710	123/90.15-90.16.ccls. not 123/90.11.ccls.	IBM_TDB USPAT;	2004/05/02 16:05
_	2719	123/30.13-30.10.0015. HOU 123/30.11.0015.	US-PGPUB; EPO; JPO;	2001,00,02 10.00
			DERWENT;	
-	1487	123/90.15.ccls. not 123/90.11.ccls.	IBM_TDB USPAT; US-PGPUB;	2004/05/02 16:05
			EPO; JPO; DERWENT;	
_	1232	123/90.11.ccls. not 123/90.11.ccls. not	IBM_TDB USPAT;	2004/05/02 16:05
		(123/90.15.ccls. not 123/90.11.ccls.)	US-PGPUB; EPO; JPO; DERWENT;	
	1100	123/90.17.ccls. not 123/90.11.ccls. not	IBM_TDB USPAT;	2004/05/02 16:05
_	1180	(123/90.15.ccls. not 123/90.11.ccls.) not	US-PGPUB;	2001,00,02 10.00
		(123/90.16.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.))	EPO; JPO; DERWENT;	
			IBM_TDB	

-	186	123/90.18.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.) not	USPAT; US-PGPUB;	2004/05/02 16:05
		(123/90.16.ccls. not 123/90.11.ccls. not	EPO; JPO;	
		(123/90.15.ccls. not 123/90.11.ccls.))	DERWENT; IBM TDB	
_	816	123/198F.ccls. not 123/90.11.ccls. not	USPAT;	2004/05/02 16:08
		(123/90.15.ccls. not 123/90.11.ccls.) not	US-PGPUB;	
		(123/90.16.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.))	EPO; JPO; DERWENT;	
			IBM_TDB	,
-	662		USPAT; US-PGPUB;	2004/05/02 16:08
		(123/90.15.ccls. not 123/90.11.ccls.) not (123/90.16.ccls. not 123/90.11.ccls. not	EPO; JPO;	
		(123/90.15.ccls. not 123/90.11.ccls.))	DERWENT;	
_	10715	kuo\$.in.	<pre>IBM_TDB USPAT;</pre>	2004/05/02 16:11
_	10/13	Ku07.111.	US-PGPUB;	2004/03/02 10:11
			EPO; JPO;	
			DERWENT; IBM TDB	
-	43411	vacuum and piston	USPAT;	2004/05/02 16:11
			US-PGPUB;	
			EPO; JPO; DERWENT;	
		,	IBM TDB	
_	27491	vacuum and piston and valv\$2	USPAT; US-PGPUB;	2004/05/02 16:11
			EPO; JPO;	
			DERWENT;	
	12834	vacuum same piston and valv\$2	IBM_TDB USPAT;	2004/05/02 16:11
_	12834	vacuum same piston and vaivyz	US-PGPUB;	2004/05/02 10:11
			EPO; JPO;	
			DERWENT; IBM TDB	
_	6964	vacuum near10 piston and valv\$2	USPAT;	2004/05/02 16:11
			US-PGPUB;	
			EPO; JPO; DERWENT;	
*			IBM_TDB	
-	46517	vacuum near10 (piston or chamber) and valv\$2	USPAT; US-PGPUB;	2004/05/02 16:11
		Valvaz	EPO; JPO;	
	1		DERWENT;	
_	7419	vacuum near10 (piston or combustion near2	IBM_TDB USPAT;	2004/05/02 16:11
	,419	chamber) and valv\$2	US-PGPUB;	
			EPO; JPO; DERWENT;	
	5		IBM_TDB	
-	2870	vacuum near10 (piston or combustion near2	USPĀT;	2004/05/02 16:11
		chamber) and (intake or inlet) and (outlet or exhaust) same valv\$2	US-PGPUB; EPO; JPO;	
		of Canadac) dame varvyz	DERWENT;	
	221	1 0 1 0 1 0 10	IBM_TDB	2004/05/02 16:11
_	3017	(vacuum or sub near2 atmospher\$4) near10 (piston or combustion near2 chamber) and	USPAT; US-PGPUB;	2004/05/02 16:11
		(intake or inlet) and (outlet or exhaust	EPO; JPO;	
		or exit) same valv\$2	DERWENT; IBM TDB	
_	0	(vacuum or sub near2 atmospher\$4 or low	USPAT;	2004/05/02 16:11
		near2 pressure) near3 (piston or	US-PGPUB;	1
		combustion near2 chamber) and (intake or inlet) and (outlet or exhaust) same valv\$2	EPO; JPO; DERWENT;	
		and rebreathe	IBM_TDB	0001/07/00
-	0	10/611845	USPAT; US-PGPUB;	2004/05/02 16:11
			EPO; JPO;	
			DERWENT;	
	1 .		IBM_TDB	L

-	0	(low near2 pressure or vacuum) near5	USPAT;	2004/05/02 1	.6:37
		combustion near2 chamber same closed near2	US-PGPUB;		
		(exhaust or outlet) near2 valv\$2 same	EPO; JPO;		
		closed near2 (inlet or intake) near2	DERWENT;		
		valv\$2 and open near2 (exhaust or outlet) near2 valv\$2 same open near2 (inlet or	IBM_TDB		
		intake) near2 valv\$2			
_	2	kuo\$.in. near2 Tang-Wei	USPAT;	2004/05/02 1	6:11
		100, 1111 1100, 12 1011y 1101	US-PGPUB;	2001,00,02	
			EPO; JPO;		ł
			DERWENT;		
			IBM_TDB		
_	20	"5713328"	USPAT;	2004/05/02 1	6:11
		·	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
	3	"6082342"	IBM_TDB USPAT;	2004/05/02 1	6.11
_	3	0002342	US-PGPUB;	2004/03/02 1	
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	19	"4446830"	USPAT;	2004/05/02 1	16:11
			US-PGPUB;		
1			EPO; JPO;	1	
			DERWENT;		
	2917	(vacuum or sub near2 atmospher\$4) near10	IBM_TDB USPAT;	2004/05/02 1	16.12
_	291/	(piston or combustion near2 chamber) and	US-PGPUB;	2004/03/02 1	10.12
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;		
		same valv\$2	DERWENT;		
			IBM TDB		
-	2083	(vacuum or sub near2 atmospher\$4) near5	USPĀT;	2004/05/02 1	16:13
		(piston or combustion near2 chamber) and	US-PGPUB;		
	-	(intake or inlet) and (outlet or exhaust)	EPO; JPO;		
1		same valv\$2	DERWENT;		
	1200	(	IBM_TDB USPAT;	2004/05/02 1	16.14
_	1390	(vacuum or sub near2 atmospher\$4) near3 (piston or combustion near2 chamber) and	US-PGPUB;	2004/03/02	10.14
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;		
	1	same valv\$2	DERWENT;		
		Same Table 1	IBM TDB		
_	181	(vacuum or sub near2 atmospher\$4) near3	USPAT;	2004/05/02 1	16:14
1		(piston or combustion near2 chamber) and	US-PGPUB;		
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;		
		same valv\$2 and intake near2 stroke	DERWENT;		
	1	(low near2 pressure or vacuum) near5	IBM_TDB USPAT;	2004/05/02 1	16.11
-	1	combustion near2 chamber and closed near2	US-PGPUB;	2004/03/02	. U. T.
		(exhaust or outlet) near2 valv\$2 same	EPO; JPO;		
		closed near2 (inlet or intake) near2	DERWENT;		
		valv\$2 and open near2 (exhaust or outlet)	IBM_TDB		
		near2 valv\$2 same open near2 (inlet or	_		
		intake) near2 valv\$2		0001/00/00	
-	4	(low near2 pressure or vacuum) near5	USPAT;	2004/05/02	16:14
		combustion near2 chamber and closed near2	US-PGPUB;		
		(exhaust or outlet) near2 valv\$2 and	EPO; JPO;		
		closed near2 (inlet or intake) near2 valv\$2 and open near2 (exhaust or outlet)	DERWENT; IBM TDB		
		near2 valv\$2 and open near2 (inlet or			
		intake) near2 valv\$2			
_	0	10/611845	USPAT;	2004/05/02	16:37
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		